Rec'd PCT/PTO 29 DEC 2004

REQUEST

The undersigned requests that the present international application be processed

For receiving	ng Office use only	_
International Application No.		
International Filing Date	10/519807	
Name of receiving Office and	"PCT International Application"	

according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) 1496 Box No. I TITLE OF INVENTION PROCESS FOR PREPARING 1,3-BENZODIOXOLE-2-SPIROCYCLOALKANE DERIVATIVE Box No. II **APPLICANT** This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Telephone No. 03-3282-0036 Facsimile No. KYOWA HAKKO KOGYO CO., LTD. 03-3282-1527 Teleprinter No. 6-1, Ohtemachi 1-chome, Chiyoda-ku Tokyo 100-8185 JAPAN Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: JP JP This person is applicant all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only ATSUMI Toshiyuki applicant and inventor c/o Sakai Research Laboratories inventor only (If this check-box KYOWA HAKKO KOGYO CO., LTD. is marked, do not fill in below.) 1-53, Takasu-cho 1-cho, Sakai-shi Applicant's registration No. with the Office Osaka 590-8554 JAPAN State (that is, country) of nationality: State (that is, country) of residence: JP JP This person is applicant for the purposes of: the States indicated in the Supplemental Box all designated States all designated States except the United States of America the United States of America only Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: common representative Name and address: (Family name followed by given name; for a legal entity, full official designation. Telephone No. The address must include postal code and name of country.) Facsimile No. Teleprinter No. Agent's registration No. with the Office Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

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Cheet	No	

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)						
If none of the following sub-boxes is used, this sheet should not be included in the request.						
Name and address: (Family name followed by given name; for a legal entity, full official designation The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:					
YANAGISAWA Arata						
c/o Sakai Research Laboratories	applicant and inventor					
KYOWA HAKKO KOGYO CO., LTD.	inventor only (If this check-box is marked, do not fill in below.)					
1-53, Takasu-cho 1-cho, Sakai-shi	Applicant's registration No with the Office					
Osaka 590-8554 JAPAN	Applicant's registration No. with the Office					
State (that is, country) of nationality: JP State (that is, country)	y) of residence: JP					
This person is applicant for the purposes of: all designated States except the United States of America	the United States the States indicated in the Supplemental Box					
Name and address: (Family name followed by given name; for a legal entity, full official designation The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:					
CHUJO Iwao	applicant and inventor					
c/o Sakai Research Laboratories	inventor only (If this check-box					
KYOWA HAKKO KOGYO CO., LTD.	is marked, do not fill in below.)					
1-53, Takasu-cho 1-cho, Sakai-shi Osaka 590-8554 JAPAN	Applicant's registration No. with the Office					
Osaka 590-8554 JAPAN						
State (that is, country) of nationality: JP State (that is, country)	y) of residence: JP					
This person is applicant for the purposes of: all designated States except the United States of America	the United States the States indicated in the Supplemental Box					
Name and address: (Family name followed by given name; for a legal entity, full official designation The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) TSUMUKI Hiroshi	This person is: applicant only applicant and inventor					
c/o Head Office	inventor only (If this check-box					
KYOWA HAKKO KOGYO CO., LTD.	is marked, do not fill in below.)					
6-1, Ohtemachi 1-chome, Chiyoda-ku Tokyo 100-8185 JAPAN	Applicant's registration No. with the Office					
State (that is, country) of nationality: JP State (that is, country)	y) of residence: JP					
This person is applicant for the purposes of: all designated States except the United States of America	the United States the States indicated in the Supplemental Box					
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:					
MOHRI Shin-ichiro	applicant and inventor					
c/o Sakai Plant	inventor only (If this check-box					
KYOWA HAKKO KOGYO CO., LTD.	is marked, do not fill in below.)					
1-53, Takasu-cho 1-cho, Sakai-shi	Applicant's registration No. with the Office					
Osaka 590-8554 JAPAN						
State (that is, country) of nationality: JP State (that is, country)	y) of residence:					
This person is applicant for the purposes of: all designated all designated States except the United States of America	the United States the States indicated in the Supplemental Box					
Further applicants and/or (further) inventors are indicated on another continuation	n sheet.					

				Sheet No3			
Box	No.	V DESIGNATION OF STATES	Λ	Mark the applicable check-boxes below	; at	leasi	one must be marked.
The	follo	owing designations are hereby made und	ler R	ule 4.9(a):			
Reg	ion	al Patent		•			
X	AP	ARIPO Patent: GH Ghana, GM (SL Sierra Leone, SZ Swaziland, TZ U State which is a Contracting State of specify on dotted line)	nited the l	l Republic of Tanzania, UG Uganda, 7 Harare Protocol and of the PCT <i>(if o</i> i	ZM ther	Zan kina	ibia, ZW Zimbabwe, and any other of protection or treatment desired,
X	EA	Eurasian Patent: AM Armenia, AZ A RU Russian Federation, TJ Tajikistan Patent Convention and of the PCT	zert	oaijan, BY Belarus, KG Kyrgyzstan, l	KZ I	Kaza	akhstan, MD Republic of Moldova.
•	EP	Republic, DE Germany, DK Denmark IE Ireland, IT Italy, LU Luxembourg, TR Turkey, and any other State which	, EE MC is a	E Estonia, ES Spain, FI Finland, FR Monaco, NL Netherlands, PT Portug Contracting State of the European Pa	Frangal, a	SE S	GB United Kingdom, GR Greece, Sweden, SI Slovenia, SK Slovakia, nvention and of the PCT
X	OA	OAPI Patent: BF Burkina Faso, BJ GA Gabon, GN Guinea, GQ Equator TD Chad, TG Togo, and any other Sta of protection or treatment desired, spec	ial G te w	uinea, GW Guinea-Bissau, ML Mal hich is a member State of OAPI and a	i, M a Co	R M ntrae	fauritania, NE Niger, SN Senegal, cting State of the PCT (if other kind
Nat	iona	al Patent (if other kind of protection or	trea	tment desired specify on dotted line):			
		United Arab Emirates			001	N7	New Zealand
				Croatia	120	OM	Oman
	AL.	Albania	HII	Hungary	120	DIJ	Philipping
	AM	Armenia	ID	Indonesia		T II	Poland
	AT	Austria	II.	Israel	127	rl DT	Postugal
	AII	Australia	IN	India		DO.	Parania
	47.	Azerbaijan	IC	Iceland			Russian Federation
		Bosnia and Herzegovina			NC2N	ΚU	•
							01.11
X	BC 1	Barbados Bulgaria	VC	Kenya	127	SC	Seychelles
X	DD 1	Brazil	NO M	Nyrgyzstan			
	DV I	Belarus	Kľ	of Korea			Sweden
1921 I	DI . R7 1	Belize	v D	Danublia of Vacco		SG	Singapore
		Canada	V7	Kazakhstan		SK.	Siovakia
		& LI Switzerland and Liechtenstein		Saint Lucia			
	CN	China	LU	Saint Lucia			Tajikistan
				Liberia			Turkmenistan
	CD	Costa Rica	LK	Liberia		TN	Tunisia
		Cul-	LS	Lesotho		TR	Turkey
		Cuba	LI	Lithuania	A	TT	Trinidad and Tobago
	CZ I	Czech Republic	LU	Luxembourg			
(A)	DE (Germany	LV				United Republic of Tanzania
		Denmark			X	UA	Ukraine
		Dominica 🗶	MI	Republic of Moldova			
(전 (전	DZ.	Algeria			X	US	United States of America
(124) (24)	EC :	Ecuador	MC	Madagascar	-		
الخينا	EE :	Estonia	Mŀ				
الما	LS	Spain		Macedonia		vc	Saint Vincent and the Granadines

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

MN Mongolia

MWMalawi . .

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: 🔀 NI Republic of Nicaragua 💢 PG Independent State of 🔀 SY Syrian Arab Republic

FI Finland

GB United Kingdom

GD Grenada

VN Viet Nam . . .

ZW Zimbabwe.

MX Mexico ZA South Africa

MZ Mozambique ZM Zambia

.... X YU Yugoslavia

Sheet No.	1
Sheet No.	-

Box No. VI PRIORITY CLAIM						
The priority of the following earlier application(s) is hereby claimed:						
Filing date	Number					
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 03.07.02	Patent Application No. 2002-194273	JP.				
item (2)				·		
item (3)						
item (4)				·		
item (5)						
Further priority claims	are indicated in the Suppleme	ental Box.				
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:						
international search, indicate ISA /JP	arching Authority (ISA) (if it the Authority chosen; the two		·····			
International Searching Auth	rlier search; reference to t		earch has been carried or	ut by or requested from the		
Date (day/month/year)	Numl	ber Coun	ntry (or regional Office)			
Box No. VIII DECLARA	TIONS					
	are contained in Boxes Nos.			Number of declarations		
Box No. VIII (i)	Declaration as to the identi	ty of the inventor	* 4	:		
Box No. VIII (ii)	Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:					
Box No. VIII (iii)	Declaration as to the appl date, to claim the priority		he international filing	:		
Box No. VIII (iv)	Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America)					
Box No. VIII (v)	Declaration as to non-prej	udicial disclosures or exce	eptions to lack of novelty	· :		

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Sheet	Nο	J

	Box No. IX CHECK LIST; LANGUAGE OF FILING						
This international application contains: (a) in paper form, the following number of This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in	Number of items						
sheets: right column the number of each item): 1. K fee calculation sheet	: 1						
request (including declaration sheets) : 5 2. original separate power of attorney	•						
description (excluding 3 original general power of attorney	:						
tables related thereto) : 24 4. \square copy of general power of attorney; reference number.	·						
claims : 7 if any:	: .						
abstract : 1 5. statement explaining lack of signature	:						
drawings : 0 6. priority document(s) identified in Box No. VI as item(s):	:						
Sub-total number of sheets: 37 sequence listings: 0 7. translation of international application into (language):							
tables related thereto : 0 8. separate indications concerning deposited microorganism or other biological material							
sheets if filed in paper form, whether or not also filed in 9. sequence listings in computer readable form	•						
see (c) below) (i) copy submitted for the purposes of international search Rule 13ter only (and not as part of the international app	under lication):						
Total number of sheets: 37 (ii) (only where check-box (b)(i) or (c)(i) is marked in left column additional copies including, where applicable, the copy							
(i) sequence listings (iii) together with relevant statement as to the identity of the	copy or						
(i) also in computer readable form 10. tables in computer readable form related to sequence listing							
(i) copy submitted for the purposes of international search Section 807(h-quater) only (and not as part of the intern	under ational						
application)	:						
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the (ii) (only where check-box (b)(ii) or (c)(ii) is marked in left color additional copies including, where applicable, the copy purposes of international search under Section 802(b-quinter)	for the uater) :						
sequence listings: (iii) I together with relevant statement as to the identity of the							
tables related thereto:							
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column) 11. ☐ other (specify):							
Figure of the drawings which should accompany the abstract: Language of filing of the international application: Japanese							
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from	reading the request).						
KYOWA HAKKO KOGYO CO., LTD. YANAGISAWA Arata (Sealed) TSUMUKI Hirosi (Sealed)							
ATSUMI Toshiyuki (Seald) CHUJO Iwao (Sealed) MOHRI Shin-ichiro (Sealed)							
For receiving Office use only 1. Date of actual receipt of the purported 2.	Drawings:						
international application:	received:						
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:							
4. Date of timely receipt of the required corrections under PCT Article 11(2):	not received:						
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid							
For International Bureau use only							
Date of receipt of the record copy by the International Bureau:							